

SECRET

OUT 65443

S E C R E T 262158Z JUN 68 CITE [] 4092 1968 JUN 26 22 19Z 25X1
25X1

SUBJECT: EVALUATION OF GLASS LAMP MISSION G-028

1. QUALITY SUMMARY: MISSION G-028, FLOWN ON 21 JUNE 1968 CONTAINS SOME FRAMES THAT PROVIDE BETTER IMAGE QUALITY THAN THE LAST MISSION EMPLOYING UNIT NUMBER B-18. FRAME TO FRAME QUALITY, HOWEVER, IS MORE VARIABLE THAN EXPERIENCED ON RECENT MISSIONS. THE IMAGERY OF NUMEROUS FRAMES APPEARS DISTURBED WHICH IS PROBABLY THE RESULT OF VEHICLE VIBRATION AND/OR MIRROR SETTLING. INTERPRETATION SUITABILITY RANGES FROM POOR, AT THE BEGINNING OF THE MISSION, TO GOOD NEAR THE END OF THE MISSION ON THE FRAMES WHERE IMAGE DISTURBANCE IS NOT APPARENT. THE POOR RATING IS THE RESULT OF A THIN NEGATIVE AND A POSSIBLE LIGHT HAZE CONDITION. CLOUDS OBSCURE APPROXIMATELY 15 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 18 WAS USED IN MISSION G-028 FLOWN ON 21 JUNE 1968. THIS WAS AN OPERATIONAL MISSION USING THE U-2 AIRCRAFT. MODE 5 WAS USED THROUGHOUT THE MISSION.

B. FILM TYPE 3400 WAS USED THROUGHOUT THE MISSION. PROCESSING

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WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN. ALL THE MATERIAL WAS PROCESSED TO 0.6 GAMMA WITH A SPEED OF 2.32.

3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE BEGINNING OF THE MISSION IS SLIGHTLY UNDEREXPOSED. AS SOLAR ELEVATION INCREASES THE EXPOSURE BECOMES ADEQUATE AND THEN VERY SLIGHTLY OVEREXPOSED AT THE END OF THE MISSION.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM EXCEPT AT THE BEGINNING AND END OF THE MISSION. THE START OF MISSION IS THIN AND THE END OF MISSION IS SLIGHTLY HEAVY DUE TO THE EXPOSURE.

C. IMAGED DEGRADATIONS

BOTH CAMERAS: OUTBOARD EDGE STATIC AND INBOARD ROLLER CHATTER ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION. LIGHT LEAK FOG EXTENDS INTO THE FORMAT ON FRAMES 001 AND 002, PROBABLY ASSOCIATED WITH CAMERA START UP. A PLUS DENSITY FOG, ASSOCIATED WITH THE VERTICAL DOT LIGHT SOURCE IS PRESENT THROUGHOUT THE MISSION. A FAINT IMAGE OF POSITIONS, OTHER THAN THE ACTUAL POSITION INDICATED, ARE VISIBLE INTERMITTENTLY THROUGHOUT THE MISSION.

D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: A HEAT SPLICE IS PRESENT IN FRAME 1035. A MANUFACTURER'S SPLICE IS LOCATED IN FRAME 1556.

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(2) 9L SIDE: A HEAT SPLICE IS PRESENT IN FRAME 1020. A MANUFACTURER'S SPLICE IS LOCATED IN FRAME 1813.

E. AUXILIARY DATA: ALL DATA RECORDING EQUIPMENT FUNCTIONED PROPERLY.

F. OTHER: THE LAST TITLED FRAME OF BOTH SIDES IS 2267.

4. POSITIVES:

A. THE PRINTING AND PROCESSING WERE GOOD.

B. TWO COPIES OF THE FIRST CAN OF FILM FROM THE LEFT SIDE WERE RECEIVED. THE FIRST CAN OF THE RIGHT SIDE WAS MISSING.

GP-1

S E C R E T

END OF MESSAGE

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SECRET

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